

# **Medical Electronics Market Size, Trends, Analysis, and Outlook By Component (Sensors, Batteries, Displays, MPUs/MCUs, Memory Chips), By End-user (Diagnostic and imaging devices, Patient monitoring devices, Medical implantable devices, Ventilators and RGM equipment), By Application (Medical imaging, Clinical, Diagnostic, Therapeutics, Patient monitoring, Flow measurement, Cardiology, Others), By Medical Procedure (Non-invasive, Minimally invasive, Invasive), By Medical Device Classification (Class I, Class II, Class III), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Medical Electronics market size is poised to register 10.69% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Medical Electronics market across By Component (Sensors, Batteries, Displays, MPUs/MCUs, Memory Chips), By End-user (Diagnostic and imaging devices, Patient monitoring devices, Medical implantable devices, Ventilators and RGM equipment), By Application (Medical imaging, Clinical, Diagnostic, Therapeutics, Patient monitoring, Flow measurement, Cardiology, Others), By Medical Procedure (Non-invasive, Minimally invasive, Invasive), By Medical Device Classification (Class I, Class II, Class III).

The Medical Electronics Market is witnessing growth driven by the increasing integration

of electronics and digital technologies in medical devices, diagnostics, and healthcare systems to improve patient care, diagnosis, and treatment outcomes. Medical electronics encompass a wide range of products including patient monitoring systems, diagnostic imaging equipment, implantable devices, wearable sensors, and medical robots. Key trends shaping its future include the development of miniaturized and wearable medical electronics for remote patient monitoring and point-of-care diagnostics, the adoption of wireless connectivity and internet-of-things (IoT) platforms for real-time health data tracking and telemedicine applications, and the customization of electronic components and systems to meet regulatory requirements and patient safety standards. Moreover, factors such as the demand for personalized medicine, the convergence of medical and consumer electronics, and the investments in digital health infrastructure and interoperability are expected to drive market growth in 2024 and beyond.

### Medical Electronics Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Medical Electronics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Medical Electronics survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Medical Electronics industry.

### Key market trends defining the global Medical Electronics demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Medical Electronics Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Medical Electronics industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook

across segments to support Medical Electronics companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Medical Electronics industry

Leading Medical Electronics companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Medical Electronics companies.

Medical Electronics Market Study- Strategic Analysis Review

The Medical Electronics market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Medical Electronics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Medical Electronics industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Medical Electronics Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

### North America Medical Electronics Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Medical Electronics market segments. Similarly, Strong end-user demand is encouraging Canadian Medical Electronics companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Medical Electronics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe Medical Electronics Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Medical Electronics industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Medical Electronics market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

### Asia Pacific Medical Electronics Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Medical Electronics in

Asia Pacific. In particular, China, India, and South East Asian Medical Electronics markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Medical Electronics Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Medical Electronics Market Size Outlook-** continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Medical Electronics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Medical Electronics.

**Medical Electronics Market Company Profiles**

The global Medical Electronics market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Canon Medical Systems, Drägerwerk AG & Co. KGaA, Esaote SpA, Fujifilm Corp, GE Healthcare, Getinge Inc, Hologic Inc, Koninklijke Philips NV, McKesson Corp, Medtronic PLC, Mindray Medical International Ltd, Olympus Corp, Siemens Healthcare GmbH

**Recent Medical Electronics Market Developments**

The global Medical Electronics market study presents recent market news and

developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Medical Electronics Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Component

Sensors

Batteries

Displays

MPUs/MCUs

Memory Chips

By End-User

Diagnostic and imaging devices

Patient monitoring devices

Medical implantable devices

Ventilators and RGM equipment

By Application

Medical imaging

Clinical, diagnostic, and therapeutics

Patient monitoring

Flow measurement

Cardiology

Others

By Medical Procedure

Non-invasive

Minimally invasive

Invasive

By Medical Device Classification

Class I

Class II

Class III

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Canon Medical Systems

Drägerwerk AG & Co. KGaA

Esaote SpA

Fujifilm Corp

GE Healthcare

Getinge Inc

Hologic Inc

Koninklijke Philips NV

McKesson Corp



Medtronic PLC

Mindray Medical International Ltd

Olympus Corp

Siemens Healthcare GmbH

Formats Available: Excel, PDF, and PPT

## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Medical Electronics Market Overview and Key Findings, 2024
- 1.2 Medical Electronics Market Size and Growth Outlook, 2021- 2030
- 1.3 Medical Electronics Market Growth Opportunities to 2030
- 1.4 Key Medical Electronics Market Trends and Challenges
  - 1.4.1 Medical Electronics Market Drivers and Trends
  - 1.4.2 Medical Electronics Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Medical Electronics Companies

### 2. MEDICAL ELECTRONICS MARKET SIZE OUTLOOK TO 2030

- 2.1 Medical Electronics Market Size Outlook, USD Million, 2021- 2030
- 2.2 Medical Electronics Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. MEDICAL ELECTRONICS MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. MEDICAL ELECTRONICS MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Component
    - Sensors
    - Batteries

- Displays
- MPUs/MCUs
- Memory Chips
- By End-User
  - Diagnostic and imaging devices
  - Patient monitoring devices
  - Medical implantable devices
  - Ventilators and RGM equipment
- By Application
  - Medical imaging
    - Clinical, diagnostic, and therapeutics
    - Patient monitoring
    - Flow measurement
    - Cardiology
    - Others
  - By Medical Procedure
    - Non-invasive
    - Minimally invasive
    - Invasive
  - By Medical Device Classification
    - Class I
    - Class II
    - Class III
- 4.3 Growth Prospects and Niche Opportunities, 2023- 2030
- 4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

- 5.1 Key Findings for Asia Pacific Medical Electronics Market, 2025
- 5.2 Asia Pacific Medical Electronics Market Size Outlook by Type, 2021- 2030
- 5.3 Asia Pacific Medical Electronics Market Size Outlook by Application, 2021- 2030
- 5.4 Key Findings for Europe Medical Electronics Market, 2025
- 5.5 Europe Medical Electronics Market Size Outlook by Type, 2021- 2030
- 5.6 Europe Medical Electronics Market Size Outlook by Application, 2021- 2030
- 5.7 Key Findings for North America Medical Electronics Market, 2025
- 5.8 North America Medical Electronics Market Size Outlook by Type, 2021- 2030
- 5.9 North America Medical Electronics Market Size Outlook by Application, 2021- 2030
- 5.10 Key Findings for South America Medical Electronics Market, 2025
- 5.11 South America Pacific Medical Electronics Market Size Outlook by Type, 2021-

2030

5.12 South America Medical Electronics Market Size Outlook by Application, 2021-2030

5.13 Key Findings for Middle East and Africa Medical Electronics Market, 2025

5.14 Middle East Africa Medical Electronics Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Medical Electronics Market Size Outlook by Application, 2021-2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Medical Electronics Market Size Outlook and Revenue Growth Forecasts

6.2 US Medical Electronics Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Medical Electronics Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Medical Electronics Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Medical Electronics Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Medical Electronics Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Medical Electronics Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Medical Electronics Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Medical Electronics Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Medical Electronics Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Medical Electronics Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Medical Electronics Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Medical Electronics Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Medical Electronics Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Medical Electronics Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

- 6.30 South East Asia Medical Electronics Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Medical Electronics Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Medical Electronics Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Medical Electronics Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Medical Electronics Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Medical Electronics Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Medical Electronics Industry Drivers and Opportunities

## **7. MEDICAL ELECTRONICS MARKET OUTLOOK ACROSS SCENARIOS**

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

## **8. MEDICAL ELECTRONICS COMPANY PROFILES**

- 8.1 Profiles of Leading Medical Electronics Companies in the Market
  - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
  - 8.3 Financial Performance and Key Metrics
- Canon Medical Systems
- Drägerwerk AG & Co. KGaA
- Esaote SpA
- Fujifilm Corp
- GE Healthcare
- Gecting Inc
- Hologic Inc
- Koninklijke Philips NV
- McKesson Corp
- Medtronic PLC
- Mindray Medical International Ltd
- Olympus Corp
- Siemens Healthcare GmbH

## **9. APPENDIX**

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

## I would like to order

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